

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|---------------------|
| L1 | 5 | "669097".ap. | US-PGPUB; USPAT | OR | OFF | 2008/12/17 13:59 |
| L2 | 0 | ((add\$4 remote device) and (logical network) and (network medium) and (transmit\$4 first broadcast message) and (Set Network Encryption Key) and (SetNEK) and request and (network encryption key) and (NEK) and (encrypt\$4) and (device encryption key) and (DEK) and (transmit\$4 second broadcast message) and (require\$4 a first response) and (encrypt\$4 NEK) and (determin\$4) and (media access control) and (MAC) and (address) and (receive\$4 first response) and (extract\$4 MAC address) and (transmit\$4 second SetNek request) and (local NEK) and (transmit \$4 second SetNEK request with a local NEK) and (transmit\$4 unicast message) and (confirm\$4 the remote device added to the logical network) and (powerline network)). clm. | US-PGPUB; USPAT | ADJ | ON | 2008/12/17 14:34 |
| L3 | 187 | homeplug powerline alliance | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/17 14:37 |
| L4 | 30 | 3 and (@pd < "20020925" OR @ad < "20020925" OR @rlad < "20020925" OR @prad < "20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 14:37 |
| L5 | 8 | 4 and ((MAC adj2 address) or (media adj2 access adj2 control adj2 address)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:39 |

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|-----|-----|---|--|-----|-----|---------------------|
| L6 | 6 | 5 and (encrypt\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 14:39 |
| L7 | 6 | 5 and (encrypt\$4) and (unicast messag\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:41 |
| L8 | 6 | 7 and (logical adj2 network) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:41 |
| L9 | 6 | 7 and (logical adj2 network) and (powerline network\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:43 |
| L10 | 6 | 9 and (add\$4 adj3 device) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:43 |
| L11 | 1 | 7 and (logical adj2 network) and (powerline adj2 network\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:44 |
| L12 | 1 | 11 and (add\$4 adj3 device) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:45 |
| L13 | 0 | 11 and (add\$4 adj3 device) and (transmit\$4 adj2 message) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:46 |
| L14 | 493 | powerline network\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/12/17 15:14 |
| L15 | 166 | 14 and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:14 |

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| L16 | 37 | 15 and ((MAC adj2 address) or (media adj2 access adj2 control adj2 address)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 15:14 |
| L17 | 4 | 16 and (encrypt\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:15 |
| L18 | 0 | 17 and (add\$4 adj3 device) and (transmit\$4 adj2 message) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 15:16 |
| L19 | 639 | (380/255).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:28 |
| L20 | 437 | 19 and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:28 |
| L21 | 221 | (380/258).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:28 |
| L22 | 163 | 21 and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:29 |
| L23 | 5680 | (709/219).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:29 |
| L24 | 5004 | (709/227).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:29 |
| L25 | 7710 | (23 or 24) and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:30 |

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|-----|------|---|--|----|-----|---------------------|
| L26 | 3 | 25 and 14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:30 |
| L27 | 1018 | (370/432).CQLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:31 |
| L28 | 621 | 27 and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:31 |
| L29 | 1464 | (370/445).CQLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:31 |
| L30 | 1194 | 29 and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:31 |
| L31 | 6 | 30 and 14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:32 |
| L32 | 1089 | (370/462).CQLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:32 |
| L33 | 974 | 32 and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:32 |
| L34 | 4 | 33 and 14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:32 |
| L35 | 588 | (370/447).CQLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:33 |

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| L36 | 473 | 35 and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:33 |
| L37 | 2012 | (370/474).CQLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:33 |
| L38 | 1560 | 37 and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:33 |
| L39 | 2 | 38 and 14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:33 |
| L40 | 7750 | (370/401).CQLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:34 |
| L41 | 4807 | 40 and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:34 |
| L42 | 6 | 41 and 14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:34 |
| L43 | 812 | (370/203).CQLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:34 |
| L44 | 527 | 43 and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:34 |
| L45 | 203 | (370/430).CQLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:35 |

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| L46 | 194 | 45 and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:35 |
| L48 | 2958 | (370/468).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:35 |
| L49 | 2316 | 48 and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:36 |
| L50 | 1 | 49 and 14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/17 15:36 |
| L51 | 1 | Lawton-William-e.in. | US-PGPUB; USPAT | OR | ON | 2008/12/17 15:37 |
| L52 | 0 | Aiello-Frank.in. | US-PGPUB; USPAT | OR | ON | 2008/12/17 15:37 |
| L53 | 109 | Kostoff II-Stanley-j.in. | US-PGPUB; USPAT | OR | ON | 2008/12/17 15:37 |
| L54 | 0 | Aiello-Frank.in. | US-PGPUB; USPAT | OR | ON | 2008/12/17 15:39 |
| L55 | 1 | Aiello-Frank.in. | US-PGPUB; USPAT | OR | ON | 2008/12/17 15:39 |
| L56 | 41 | intellon.as. | US-PGPUB; USPAT | OR | OFF | 2008/12/17 15:39 |
| S1 | 89 | homeplug powerline alliance | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2006/10/26 08:53 |
| S2 | 67 | (mac) with (remote device) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2006/10/25 12:01 |
| S3 | 1 | (mac) with ((remote device) with (encryption key)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2006/10/25 12:02 |
| S4 | 2 | (mac) with ((remote device) with (key)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2006/10/25 12:03 |

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|-----|-------|--|--|-----|-----|---------------------|
| S5 | 53 | (mac) with ((device) with (encryption key)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2006/10/25 12:41 |
| S6 | 11836 | MAC address | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2006/10/25 12:42 |
| S7 | 9486 | determin\$4 and S6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2006/10/25 12:42 |
| S8 | 2178 | determin\$4 with S6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2006/10/25 12:43 |
| S9 | 338 | determin\$4 S6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2006/10/25 12:43 |
| S10 | 15 | ((determin\$4 S6) and (HomePlug)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2006/10/25 12:53 |
| S11 | 13 | ((determin\$4 S6) and (powerline)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2006/10/25 13:06 |
| S12 | 11 | ((determin\$4 S6) with (remot\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2006/10/25 13:50 |
| S13 | 176 | ((determin\$4 S6) and (remot\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2006/10/25 13:27 |
| S14 | 19 | ((determin\$4 (S6 or physical address or hardware address or ethernet address)) with (remot\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2006/10/25 14:10 |

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|-----|------|--|--|-----|-----|---------------------|
| S15 | 20 | ("5708654" "5920566" "5920699" "5926463" "6055236" "6199122"). PN. OR ("6292838"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/25 14:10 |
| S16 | 1532 | (S6 or physical address or hardware address or ethernet address) and (encrypt\$4 key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/25 14:12 |
| S17 | 124 | (S6 or physical address or hardware address or ethernet address) with (encrypt\$4 key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/25 15:18 |
| S18 | 36 | unicast encrypt\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2006/10/25 15:19 |
| S19 | 33 | (unicast encrypt\$4) and (S6 or physical address or hardware address or ethernet address) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/25 15:38 |
| S20 | 1117 | (380/277).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/25 15:39 |
| S21 | 26 | S20 and (unicast) and (S6 or physical address or hardware address or ethernet address) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/25 15:42 |
| S22 | 3 | S20 and (unicast) and (S6 or physical address or hardware address or ethernet address) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/25 15:46 |
| S23 | 2 | "6373377".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/25 15:55 |

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| S24 | 191 | ("20040131189" "6854059" "20020048368" "20060168446" "5812394" "6731623" "20020009999" "20030079000" "20040059963" "5706347" "6092200" "6253193" "6363488" "6389402" "6427140" "7013389" "7103185" "20050044356" "20060098597" "5987139" "6377691" "6463537" "20060059219" "20040130413" "20060165117" "4590468" "5699513" "20040260829" "4580276" "6401159" "6947409" "20040184406" "20060034330" "20060038660" "5038318" "5684343" "6522943" "6549034" "6675226" "6701462" "20020045969" "20030079001" "20030103521" "20040193963" "20050204061" "4769810" "4769811" "5195130" "5307484" "5548722" "5987137" "6081600" "6098111" "4897875" "4910777" "4965568" "5212778" "5214703" "5220562" "5268962" "5369707" "5442683" "5490258" "5572572" "5668880" "5774817" "5794178" "5842224" "5845113" "5850444" "5860136" "5893911" "5933829" "5949759" "6038321" "6094721" "6101187" "6108656" "6141767" "6389023" "6396842" "6535979" "6661896" "6680916" "6708272" "6725218" "6782473" "6882727" "6915345" "6990587" "20020152391" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/25 16:54 |
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| S25 | 2 | "5081678".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/25 17:27 |
| S26 | 2 | "6854059".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/25 17:27 |
| S27 | 22 | ("20030050737" "20030068033" "20030090368" "20030103521" "20030133473" "20040075535" "5459462" "5835592" "5857024" "6130896" "6373950").PN. OR ("6854059").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/26 07:57 |
| S28 | 7 | (homeplug powerline) and (logical network) and (mac) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/26 11:24 |
| S29 | 0 | "09632609".ap. | US-PGPUB | OR | OFF | 2006/10/26 09:11 |
| S30 | 1 | "632609".ap. | US-PGPUB | OR | OFF | 2006/10/26 09:12 |
| S31 | 39 | Yonge | US-PGPUB | OR | OFF | 2006/10/26 09:12 |
| S32 | 155 | ("20010043576" "20010048692" "20020042836" "20020048368" "20020065047" "20020191533" "20030006883" "20030079169" "20030174664" "20040001499" "3806885" "4569044" "4581734" "4630261" "4677612" "4720850" "4726018" "4792947" "4819229" "4881241" | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/26 09:41 |

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| S33 | 34 | Yonge and Intellon | USPAT | OR | OFF | 2006/10/26 09:41 |
| S34 | 3 | "632310".ap. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/26 11:25 |
| S35 | 0 | "669097".pn. | US-PGPUB; USPAT | OR | OFF | 2007/04/23 14:11 |
| S36 | 1193 | (380/277).OCLS. | US-PGPUB; USPAT | OR | OFF | 2007/04/23 14:12 |
| S37 | 31 | S36 and (mac address) | US-PGPUB; USPAT | ADJ | OFF | 2007/04/23 14:13 |
| S38 | 53 | S36 and (mac address or physical address or hardware address or ethernet address) | US-PGPUB; USPAT | ADJ | OFF | 2007/04/23 14:31 |
| S39 | 0 | Lawton-E-William.in. | US-PGPUB; USPAT | OR | ON | 2007/04/23 14:32 |
| S40 | 0 | Lawton-William.in. | US-PGPUB; USPAT | OR | ON | 2007/04/23 14:32 |
| S41 | 1 | Lawton-William-e.in. | US-PGPUB; USPAT | OR | ON | 2007/04/23 14:32 |
| S42 | 1 | Aiello-Frank.in. | US-PGPUB; USPAT | OR | ON | 2007/04/23 14:33 |
| S43 | 0 | Kostoff-Stanley-J.in. | US-PGPUB; USPAT | OR | ON | 2007/04/23 14:33 |
| S44 | 7 | Kostoff-Stanley-J-II.in. | US-PGPUB; USPAT | OR | ON | 2007/04/23 14:42 |
| S45 | 0 | "632868".pn. | US-PGPUB; USPAT | OR | ON | 2007/04/23 14:42 |
| S46 | 5 | "632868".ap. | US-PGPUB; USPAT | OR | ON | 2007/04/23 14:42 |
| S47 | 4 | "669097".ap. | US-PGPUB; USPAT | OR | OFF | 2007/10/29 18:23 |
| S48 | 5 | "669097".ap. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 11:43 |

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| S49 | 5 | "669097".ap. | US-PGPUB; USPAT | OR | OFF | 2008/04/07 12:49 |
| S50 | 5 | "669097".ap. | US-PGPUB; USPAT | OR | OFF | 2008/04/07 12:50 |
| S51 | 1 | "6987770".pn. | US-PGPUB; USPAT | OR | OFF | 2008/04/07 12:53 |
| S52 | 4 | "632310".ap. | US-PGPUB; USPAT | OR | OFF | 2008/04/09 11:16 |
| S53 | 1 | "5081678".pn. | US-PGPUB; USPAT | OR | OFF | 2008/04/09 11:20 |
| S54 | 1 | "6246770".pn. | US-PGPUB; USPAT | OR | OFF | 2008/04/09 11:42 |
| S55 | 1 | "6854059".pn. | US-PGPUB; USPAT | OR | OFF | 2008/04/09 11:45 |
| S56 | 35 | ("20030050737" "20030068033" "20030090368" "20030103521" "20030133473" "20040075535" "5459462" "5835592" "5857024" "6130896" "6373950").PN. OR ("6854059").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/09 12:54 |
| S57 | 204500 | (power line communication or PLC or PLN or power line network or power line carrier or mains communication or power line telecom or plt) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 14:02 |
| S58 | 1 | S57 same (temporary key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 14:03 |
| S59 | 235 | S57 same (encrypt\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 14:03 |
| S60 | 1 | lawton-william-e.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 14:12 |
| S61 | 1 | aiello-frank.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 14:12 |

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| S62 | 2 | Kostoff-Stanley-j.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 14:12 |
| S63 | 0 | yonge-lawrance.in. | US-PGPUB; USPAT | OR | OFF | 2008/04/09 14:13 |
| S64 | 1 | temporary logical network | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 14:28 |
| S65 | 714 | temporary network | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 14:28 |
| S66 | 13 | S57 and S65 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 14:28 |
| S67 | 27 | S65 same encrypt\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 14:38 |
| S68 | 0 | S65 same (random) same (key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 14:45 |
| S69 | 5 | S65 same (random) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 14:45 |
| S70 | 47 | S65 same (key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 14:59 |
| S71 | 20 | S65 same (key) same (encrypt\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 14:59 |
| S72 | 63 | temporary encrypt\$4 key | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:02 |

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| S73 | 1 | S72 and S57 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:03 |
| S74 | 1 | temporary virtual network | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:15 |
| S75 | 0 | unique temporary encrypt\$4 key | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:26 |
| S76 | 14 | temporary encrypt\$4 key same network | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:27 |
| S77 | 1 | temporary network encrypt\$4 key | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:33 |
| S78 | 1 | temporary encrypt\$4 key same (mac address) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:37 |
| S79 | 110 | seed same (mac address) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:39 |
| S80 | 0 | seed same (mac address) same (session key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:39 |
| S81 | 7 | seed same (mac address) same (encrypt\$4 key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:40 |
| S82 | 265 | (mac address) same (encrypt\$4 key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:43 |

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| S83 | 68 | (mac address) same (session key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:43 |
| S84 | 23 | (mac address) with (session key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:43 |
| S85 | 1604 | (mac address) with (response) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:44 |
| S86 | 60 | extract\$4 with (mac address) with (response) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:45 |
| S87 | 1 | S57 and S86 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:46 |
| S88 | 1 | extract\$4 with (mac address) with (response) with (new) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:49 |
| S89 | 14 | extract\$4 with (mac address) with (response) with (device) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 15:49 |
| S90 | 1 | "5081678".pn. | USPAT | OR | OFF | 2008/04/09 15:54 |
| S91 | 6 | "455110".ap. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/09 16:44 |
| S92 | 33 | "Intellon Corporation".as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/09 17:43 |
| S93 | 0 | "Intellon Corporation".as. and encrypt.cim. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/09 17:45 |

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|-----|-----|--|--|----|-----|---------------------|
| S94 | 9 | S92 and (encrypt) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/09 17:46 |
| S95 | 2 | "6263445".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/09 17:50 |
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| "5966412" | "5970062" |
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| "6044482" | "6052377" |
| "6076115" | "6092214" |
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| "6108713" | "6125150" |
| "6130887") | .PN. OR |
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| "6169744" | "6182147" |
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| "6202082" | "6215792" |
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| "6243386" | "6243449" |
| "6246770" | "6252849" |
| "6259696" | "6263445" |
| "6278716" | "6289000" |
| "6295296" | "6334185" |
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| "6430661" | "6434153" |
| "6456649" | "6466580" |
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| "6671284" | "6747976" |
| "6778507" | "RE35001") |
| .PN. OR ("6987770"). | |
| URPN. | |

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| S97 | 179 | ("20010043576" "20010048692" "20020012320" "20020042836" "20020048368" "20020065047" "20020191533" "20030006883" "20030079169" "20030174664" "20030217182" "20040001499" "3806885" "4569044" "4581734" "4630261" "4677612" "4682324" "4720850" "4726018" "4792947" "4819229" "4881241" "4943959" "5001472" "5003539" "5046069" "5081678" "5105423" "5121396" "5140584" "5157659" "5197061" "5214646" "5228025" "5231634" "5274629" "5280480" "5307376" "5339313" "5343473" "5384777" "5416801" "5426646" "5432848" "5436905" "5448565" "5452288" "5452322" "5473602" "5481535" "5483529" "5488632" "5504747" "5515379" "5524027" "5537414" "5541922" "5548649" "5555268" "5563883" "5563897" "5568476" "5610908" "5612975" "5615212" "5619651" "5623512" "5629948" "5636230" "5644576" "5651009" "5694389" "5706348" "5717689" "5732113" "5737330" "5745769" "5757766" "5757770" "5764931" "5771235" "5787071" "5790541" "5793307" "5799033" "5812599" "5818821" "5818826" "5825807" "5828677" "5841778" "5841873" "5884040" "5886933" "5892769" "5896561" "5903614" "5914932" "5914959" "5940399" "5940438" "5948060" "5956338" | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/09 18:08 |
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| ("6130894" | "6151296" |
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| "6202082" | "6215792" |
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| "6278716" | "6289000" |
| "6295296" | "6334185" |
| "6343083" | "6363052" |
| "6370156" | "6385672" |
| "6421725" | "6430192" |
| "6430661" | "6434153" |
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| | | "6469992" "6473435" "6480489" "6487212" "6501760" "6519263" "6526451" "6538985" "6553534" "6567914" "6654410" "6667991" "6671284" "6747976" "6778507" "RE35001") PN. OR ("6987770"). URPN. | | | | |
| S99 | 179 | ("20010043576" "20010048692" "20020012320" "20020042836" "20020048368" "20020065047" "20020191533" "20030006883" "20030079169" "20030174664" "20030217182" "20040001499" "3806885" "4569044" "4581734" "4630261" "4677612" "4682324" "4720850" "4726018" "4792947" "4819229" "4881241" "4943959" "5001472" "5003539" "5046069" "5081678" "5105423" "5121396" "5140584" "5157659" "5197061" "5214646" "5228025" "5231634" "5274629" "5280480" "5307376" "5339313" "5343473" "5384777" "5416801" "5426646" "5432848" "5436905" "5448565" "5452288" "5452322" "5473602" "5481535" "5483529" "5488632" "5504747" "5515379" "5524027" "5537414" "5541922" "5548649" "5555268" "5563883" "5563897" "5568476" "5610908" "5612975" "5615212" "5619651" "5623512" "5629948" "5636230" "5644576" "5651009" "5694389" "5706348" "5717689" "5732113" "5737330" "5745769" "5757766" "5757770" "5764931" "5771235" "5787071" "5790541" | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/09 18:10 |

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| "4720850" | "4726018" |
| "4792947" | "4819229" |
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| "5001472" | "5003539" |
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| "5140584" | "5157659" |
| "5197061" | "5214646" |
| "5228025" | "5231634" |
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| "5343473" | "5384777" |
| "5416801" | "5426646" |
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| "5481535" | "5483529" |
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| "5515379" | "5524027" |
| "5537414" | "5541922" |
| "5548649" | "5555268" |
| "5563883" | "5563897" |
| "5568476" | "5610908" |
| "5612975" | "5615212" |
| "5619651" | "5623512" |
| "5629948" | "5636230" |
| "5644576" | "5651009" |
| "5694389" | "5706348" |
| "5717689" | "5732113" |
| "5737330" | "5745769" |
| "5757766" | "5757770" |
| "5764931" | "5771235" |
| "5787071" | "5790541" |
| "5793307" | "5799033" |
| "5812599" | "5818821" |
| "5818826" | "5825807" |
| "5828677" | "5841778" |
| "5841873" | "5884040" |
| "5886993" | "5892769" |
| "5896561" | "5903614" |
| "5914932" | "5914959" |
| "5940399" | "5940438" |
| "5948060" | "5956338" |
| "5966412" | "5970062" |
| "5987011" | "6005894" |
| "6006017" | "6041063" |
| "6041358" | "6044154" |
| "6044482" | "6052377" |
| "6076115" | "6092214" |
| "6097703" | "6098179" |
| "6108713" | "6125150" |
| "6130887") | PN. OR |
| ("6130894" | "6151296" |
| "6169744" | "6182147" |
| "6188717" | "6192397" |
| "6202082" | "6215792" |
| "6216244" | "6222851" |

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|------|------|--|--|-----|-----|---------------------|
| | | "6243386" "6243449" "6246770" "6252849" "6259696" "6263445" "6278716" "6289000" "6295296" "6334185" "6343083" "6363052" "6370156" "6385672" "6421725" "6430192" "6430661" "6434153" "6456649" "6466580" "6469992" "6473435" "6480489" "6487212" "6501760" "6519263" "6526451" "6538985" "6553534" "6567914" "6654410" "6667991" "6671284" "6747976" "6778507" "RE35001"). PN. OR ("6987770"). URPN. | | | | |
| S101 | 0 | S57 same (temporary network) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 18:24 |
| S102 | 0 | extract\$4 with (mac address) with (response) with (encrypt\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 18:49 |
| S103 | 60 | extract\$4 with (mac address) with (response) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 18:49 |
| S104 | 235 | (extract\$4 or determin\$4) with (mac address) with (response) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/09 18:57 |
| S105 | 6920 | session key | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 19:29 |
| S106 | 0 | S105 with (frame message packet) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 19:29 |
| S107 | 0 | S105 same (frame message packet) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 19:30 |

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|------|---------|--|--|-----|-----|---------------------|
| S108 | 0 | (temporary encrypt\$4 key) same (frame message packet) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 19:30 |
| S109 | 54 | (temporary encrypt\$4 key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 19:31 |
| S110 | 0 | (temporary encrypt\$4 key) same (brocast\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 19:31 |
| S111 | 8 | DES Network encryption key | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 21:18 |
| S112 | 110 | DES encryption key | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 21:20 |
| S113 | 1 | S112 same temporary | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 21:20 |
| S114 | 898 | DES key | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 21:27 |
| S115 | 4 | S114 same temporary | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 21:27 |
| S116 | 2 | "6687825".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 21:57 |
| S117 | 2577598 | temporary network encryption key | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/09 22:27 |

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|------|------|---|--|-----|-----|---------------------|
| S118 | 1 | temporary network encryption key | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 22:27 |
| S119 | 78 | temporary encryption key or one-time encryption key | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/04/09 22:28 |
| S120 | 2 | "20030079000".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/10 11:59 |
| S121 | 3134 | (709/220).CQLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/10 18:18 |
| S122 | 420 | (713/161).CQLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/10 18:18 |
| S123 | 948 | (713/171).CQLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/10 18:18 |
| S124 | 1005 | (713/186).CQLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/10 18:19 |
| S125 | 2258 | S121 and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/10 18:19 |
| S126 | 332 | S122 and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/10 18:19 |
| S127 | 645 | S123 and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/10 18:19 |

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|------|-----|---|--|----|-----|---------------------|
| S128 | 621 | S124 and (@pd <"20020925" OR @ad <"20020925" OR @riad <"20020925" OR @prad <"20020925") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/04/10 18:19 |
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